

Grants by Grant Cycle

Grants matching your search for 2014-15 **Local Government Waste Tire Cleanup Grant (TCU15)**

Fresno County

Grantee: City of Fresno

Amount Awarded: \$100,000.00

Grantee Contact: Mrs.Ana Manzula

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Fresno is located near the center of the State of California in the central San Joaquin Valley. Fresno has a population of approximately 500,000 and a high concentrated poverty rate. A substantial part of the residential areas are in older neighborhoods which were developed with alleys. Illegally dumped tires and other debris are continually dumped in these alleys, at street curbs, along canal banks, on vacant lots, near freeway, and on other public right-of-way areas. The City of Fresno employs two staff members who locate and remove these illegally dumped tires from throughout the city. The tires are transported by the staff using a stake-side truck owned by the city. Only gas and maintenance fees are charged to the grant; no vehicle lease fees are incurred. The tires are taken to a waste tire recycling company. The Clean-Up grant allows the City of Fresno to remove these waste tires therefore preventing fire hazards and environmental issues.

Grantee: Fresno County

Amount Awarded: \$100,000.00

Grantee Contact: Ms Sally Lopez

CalRecycle Grant manager: Jill Hayashida

Project Summary: The County of Fresno has an ongoing waste tire cleanup program managed by the County's Department of Public Works and Planning-Road Maintenance and Operations Division. Illegally dumped tires are removed by Roads personnel from County roads and right-of-ways in the rural and unincorporated areas throughout Fresno County. It is estimated that for TC14 (two year program) the tires collected by Roads personnel will exceed 13,000. Road personnel collects and delivers tires to storage areas at the County landfill, road yards and other appropriate storage sites. Tire waste is removed from these sites by Golden By-products and taken to their recycling facility located in Ballico, Ca.

Total Awarded for County:\$200,000.00

Imperial County

Grantee: Imperial Valley Resource Management Agency

Amount Awarded: \$245,100.00

Grantee Contact: MR Bob Douthitt

CalRecycle Grant manager: Jill Hayashida

Project Summary: Project Summary:

Imperial County is a unique community consisting of seven Cities with a large Hispanic population (85%). The City of Mexicali, with a population of over a million residents is just across the border. The yearly crossing is over 8,000,000. Imperial County generates approximately 65,000 used and waste tires annually. The County's incorporate and unincorporated communities comprise less than two percent of the land this provides ample, desolate, isolated, and unobservable areas where individuals could illegally dump tires.

Results of previous and on going Tire Grant Programs:

2001/2002 TCU7 collection and recycle of 65,455 illegally disposed tires

2002/2003 TCU8 70,483

2003/2004 TCU11 " " " " 43,660 " " "

2004/2005 TCU12 " " " " 48,597 " " "

2005/2006 TCA1 " " " " 41,709 " " "

2006/2007 TCA2 " " " " 70,692 " " "

2007/2008 TCA3 " " " " 52,721 " " "

2008/2009 TCA4 " " " " 28,113 " " "

2009/2010 TCA6 " " " " 34,289 " " "

2010/2011 TCA8 " " " " 23,687 " " "

2012/2014 TCU14 We are on track to collect and recycle over 36,000 illegally dumped tires for this grant cycle.

Even one of these following factors would substantially contribute to the number of illegally dumped and discarded tires, but taken together, creates a formidable environment of unsightly and disease-bearing discarded/illegally dumped tires: Close proximity to Mexico Border Crossings; Imperial Valley inherits many tires rejected by the Mexican Recycling Industry; large number of seasonal visitors attracting recreational vehicle owners with vehicles in tow, off-road visitors to the Imperial Sand Dunes (each of these licensed vehicles-paying admission to BLM land is approximately 456,300 street legal vehicles for FY 2010) typically hauls an average of three off-road vehicles); high usage of passenger, truck, semi-truck and equipment tires in the Imperial County agricultural industry; low income, unemployment and lack of financial resources; and irrigation canals (canals are cleaned quarterly and illegally disposed tires are removed).

All of our tires now are going to Rubber Recovery Inc. located at 10672-B Calabash Avenue Fontana; CA. 92337 Nothing goes to a landfill. The tires transported from Imperial Valley to Rubber Recovery Inc go to be crumbed, buffing, or molding to manufacture retail products. All contractors must agree to take all collected tires to a recycling facility.

Community Support for the Tire Cleanup Program includes Local Enforcement Agency and Elected Officials: Imperial County has developed an Illegally Dumping Task Force, in 2009 which has brought awareness to the residents of Imperial County of the problems associated with illegally dumping. We now have enforcement, provided by County Sheriff Department, Highway Patrol, and the LEA.

In 2008, the Imperial County Board of Supervisors passed Ordinance #1436, Chapter 8.73 – Unlawful and Unauthorized Dumping of Solid Waste.

Illegal Dumping of tires is a serious threat to public Health and Safety. In the proximity of densely populated areas to residential homes, schools, and commercial locations our tire crew has come in contact with rattlesnakes, rodents, feral cats, rodents, bees, mosquitoes, spiders, bird droppings and dead animals. Imperial County covers approximately 4,597 square miles of predominantly agricultural land with many schools in Imperial County are in remote areas where tires are frequently illegally dumped. San Pasqual Valley Unified School District is located 90 miles from a populated area. Pine Elementary School, Magnolia Union Elementary, Mulberry Elementary School District, Westside Elementary, McCabe/Corfman Union School District, and Meadows Union School Districts are schools in rural and agricultural areas in Imperial County. Threats can be found from field mice nesting in illegally dumped tires that may carry Hantavirus Pulmonary Syndrome (HPS), a respiratory disease caused by a virus known as Sin Nombre Virus, can produce a deadly infection in people-over 50% have been fatal. The flu-like symptoms are very severe. The mice can carry the virus without any ill effects and distribute the virus in urine, feces and saliva. Humans become infected with the Hanta-virus when they inhale dust that has been contaminated with rodent fluids. Most people who have been infected with the virus have lived or worked in areas that are heavily exposed to rodent droppings. If someone becomes infected, signs of illness appear approximately two weeks after exposure, although the time frame can be from a few days to as long as six weeks. The first signs of infection are fever, headache, abdominal pain, joint pain and back pain. Then the lungs begin to fill with fluid and breathing becomes very difficult. A high percentage of the patients die, but early treatment offers the best chance of survival. Threats from pigeon droppings result from large populations of pigeons (aka Rock Dove) find illegally discarded tires a favorite roosting and nesting place. These are typically near roadways that are less densely populated and illegally dumped tires are found. Fungal diseases are transmitted to humans by contaminated soil and airborne fungus spores. The diseases can cause high fever, blood abnormalities, pneumonia, lung infection, spread to the nervous system, and can even cause death if left untreated. The most common fungal diseases associated with bat and bird droppings are histoplasmosis and cryptococcosis. Histoplasmosis is caused by a fungus and the disease is transmitted to humans by airborne fungus spores in contaminated soil from pigeon droppings. The inactive and active pigeon roosts have been found to be heavily contaminated with fungus spores. Infection occurs when airborne spores are inhaled-especially when a roost has been disturbed. Most infections are mild and produce no symptoms or a minor flu-like illness. On occasion, the illness can cause high fever, blood abnormalities, pneumonia and even death. Cryptococcosis is commonly found in soil that has been contaminated with decaying pigeon droppings. The organism enters the individual by breathing in the form of dehydrated yeast or as spores. The illness begins with a lung infection and spreads to other areas of the body, particularly the central nervous system, and is usually fatal if not treated. Pigeon droppings are believed to be the most common source of fungus cryptococcosis.

Water collecting in discarded tires, particularly along canal banks, makes them an ideal ground for disease-carrying mosquitoes. Encephalitis viruses can be contracted from mosquito bites. The West Nile Virus is transmitted primarily by mosquitoes, although is really an infection that exists in birds, and the mosquitoes transmit the virus from bird to bird. The West Nile Virus was found in mosquitoes collected in traps in August, 2003 near the Salton Sea in Imperial County (the first cases in Imperial Valley were diagnosed in Niland, an unincorporated area in Imperial County). Illegal dumping of tires is common in rural, secluded, agricultural areas. Pesticide residue has been found in tires. Exposure to pesticides can be from swallowing, breathing, skin contact, and eye contact. Open lesions or conditions of dermatitis and higher temperatures (typical of the low desert climate of Imperial Valley, enhance the absorption of pesticides. Physical injuries can also result from sharp or pointed objects becoming trapped inside discarded tires. Tire collection crews have reported finding needles, broken glass, and dangerous objects. Piles of illegally discarded tires that contain trash or dry brush are a potential fire hazard. When tires burn, the toxic chemicals are released directly into the atmosphere. This can cause both short and long term health hazards to residents. Compounds from melted tires can also pollute soil, surface water, and ground water. A tremendous health hazard is created when illegally discarded tires accumulate on roads that run through farmland, and the pile of tires is ignited. Up to 17 heavy metals are found in tires and when these are released into the air, new and more toxic compounds are created. These hazardous air pollutants are released into the air when tires burn openly can cause short and long term health hazards to residents and fire fighters. Possible ill-health effects from exposure to chemicals from burning tires can include irritation to the skin, eyes, and mucous membranes, respiratory effects, central nervous system depression, and cancer. Over 479,406

illegally dumped tires have been collected from Imperial County roadways and other public areas with grants from CalRecycle/CIWMB. IVRMA has exhibited wise and judicious use of Cal Recycle/CIWMB grant funds which will continue. IVRMA has developed significant experience and has managed to keep the cost of collection and recycling illegally disposed tires low.

Total Awarded for County:\$245,100.00

Kern County

Grantee: City of Bakersfield

Amount Awarded: \$100,000.00

Grantee Contact: Mrs Luda Fishman

CalRecycle Grant manager: Jill Hayashida

Project Summary: The main objective of this grant proposal is to remove illegally dumped tires from several locations throughout the City of Bakersfield and to restore the areas back to their original state. Illegally dumped waste tires create blight, vector control and other health and safety hazards to the public and the environment. Illegal dumpsites not abated in a timely manner potentially contributes to the accumulation of waste tires. The City of Bakersfield cleanup projects are intended to mitigate potential fire and health risks posed by these tire piles within our jurisdiction.

The City of Bakersfield Solid Waste Division currently responds to citizen complaints of illegal dumping which has occurred along the public right-of-ways or upon their private property.

The Solid Waste Division dedicates a Solid Waste Equipment Operators almost 25 hours per week towards the collection and removal of waste tires illegally dumped throughout alleys, roadways, sidewalks and other public property.

All waste tires collected are transported to the City of Bakersfield s Corporation yard or Recycling and Composting facility to stored in an approved waste tire hauler trailer. The trailers are transported to a permitted waste tire storage facility or disposal site by Golden By-products Inc.

An estimated of 30,000 tires are to be removed an recycled.

Total Awarded for County:\$100,000.00

Los Angeles County

Grantee: City of Lancaster

Amount Awarded: \$55,882.00

Grantee Contact: Ms. Lisa Agarpao

CalRecycle Grant manager: Jill Hayashida

Project Summary: Locate and remove illegally dumped and/or stockpiled waste tires from City of Lancaster public roads, rights of ways and other public lands. Waste tires will be taken to the City Maintenance Facility and transported by state permitted registered haulers to end use and reused facilities.

Priority will be given to sites that pose serious threats to public health and safety and the environment. Several public roads, vacant lots and public land sites are within 1,000 feet of residential homes, schools, and industrial centers where tires are often illegally dumped throughout the City: Examples per photos attached are in the vicinities of: 25th through 30th Streets East from Avenues H-2 to H - within 1,000' of Tierra Bonita Elementary School and residences; Avenues K to L between 25th and 30th Streets East -within 1,000' of Lancaster National Soccer Center; various right-of-way sites from 60th to 90th Street West between Avenues L and H – within 1,000' of Quartz Hill High School and Del Sur Elementary School; 20th Street West and Avenue H – within 1,000' of residences; Challenger Way and Avenue G – within 1,000' of residences; 20th Street East between Avenues H and I – within 1,000 ' of residences; 20th Street East and Avenue L – within 1,000' of residences.

Prior grant cycle awards have helped to clean-up numerous waste tire piles throughout the City of Lancaster. To date, the City has cleaned up over 360 illegal waste tire piles, recycled over 100 tons of waste tires, benefitting local and regional efforts in minimizing risks to public health and safety, and promoting the clean-up of environmental hazards and conservation of natural resources.

Grantee: City of Long Beach

Amount Awarded: \$95,540.00

Grantee Contact: Elisa Calderon

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Long Beach proposes to continue the cleanup efforts around the Los Angeles River area north of the Long Beach Harbor Basin. This area remains a high priority for the City due to the level of illegal dumping that occurs.

The first area is east of the LA River between 5th Street and Willow Street (East Project Area). The East project area is residential and commercial, including Drake Park and Thomas Edison Elementary School. Golden Park and Cesar Chavez Park are also nearby. The Los Angeles River runs directly west of the project area, with the Long Beach Harbor and Downtown Long Beach less than one mile from the project area.

The second area is west of the Los Angeles River between PCH and 9th Street (West Project Area). The West project area includes industrial and residential areas, with Cabrillo High School and Garfiel Elementary School nearby. Nearby parks include Hudson and Admiral Kidd Parks. The Los Angeles River runs directly east, the Dominguez Channel is about one-half mile to the west and the waters of the Port of Long Beach are directly South.

In both areas, clean-ups are necessary to keep dumped items off the streets. Most illegal dumping of tires occurs in alleys and other City right-of-ways, however, occasional dumping does happen on private property. Local businesses and neighborhood associations continue to coordinate clean-up efforts in the impacted area, but still need assistance as the responsibility has outgrown their resources. Grant funds would ensure that tires are regularly collected, and that the east and west project areas remain clean and safe for residents and businesses. All tires collected by City crews will be taken to a facility that recycles tires into crumb rubber that is used in asphalt paving surfaces and synthetic athletic surfaces. "No Dumping" signs will be posted in areas most impacted by illegal dumping.

As part of the TCU14 application the City requested funding for one year's worth of the cost per tire for our clean up project rather than for the two-year term of the grant. Last year alone we collected a total of 61.53 tons and made twenty trips to CRM for tire recycling of full 40-yard bins. Therefore, this term the amount requested has increased to cover the entire grant cycle of two years.

Grantee: City of Los Angeles

Amount Awarded: \$100,000.00

Grantee Contact: Ronaldo D. Milo

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Los Angeles has an on-going waste tire cleanup program through the City's Department of Public Works (DPW) managed by the Solid Resources Support Services (SRSSD) and the Solid Resources Collection Division (SRCD) of the Bureau of Sanitation (LASAN). SRCD removes illegally dumped tires within the City's right-of-ways, alleys and boundaries. Tires collected are delivered to any of the six LASAN's district yards for storage and recording purposes. The district yards provide environmentally sound storage areas for the collection and transportation by a vendor to a tire recycling facility for processing and beneficial reuse. Each of the LASAN district yards has a Tire Program Identification (TPID) Number Certificate issued by Department of Resources Recycling and Recovery (CalRecycle) allowing to store an approved number of tires at a certain time period. LASAN's six district yards are as follows:

- 1) West Valley District Yard
8840 Vanalden Avenue
Northridge, CA 91324
818-727-7193
- 2) South Los Angeles District Yard
786 South Mission Road
Los Angeles, CA 90023
213-485-4912
- 3) West Los Angeles District
2027 Stoner Avenue
Los Angeles, CA 90025
310-575-8393
- 4) Harbor District Yard
1400 North Gaffey Street
San Pedro, CA 90731
310-548-7708
- 5) East Valley District yard
11050 Pendleton Street
Sun Valley, CA 91325
818-752-5700
- 6) North Central District
452 San Fernando Road
Los Angeles, CA 90031
(323) 227-7334

The City of Los Angeles collects an average of 650 tons of used tires annually through which LASAN estimates 50% are collected from illegally dumped areas. B.J. Used Tire & Rubber Recycling, Inc. (contact: Rita Jankouzzian, 909-684-2316) renders its services to the city by collecting and transporting the tires from the district yards to a tire recycling facility for processing and beneficial reuse, including but not limited to providing feedstock for rubberized slurry seal, recycled or processed in the production of new rubber products such as artificial turf, ground cover for playgrounds, surface material for running tracks & athletic fields, or can be re-used as re-treaded tires for resale.

The cost of the hauling, recycling/disposal of tires by B.J. Recycling are as follows:

- 1.) Passenger tire - \$1.50 each (\$10.50 with rim)
- 2.) Light truck tire - \$2.00 each (\$11.50 with rim)
- 3.) Truck tire - \$4.00 each (\$13 with rim)
- 4.) OTR - \$35

The City of Los Angeles through LASAN is committed to the effective management of all the waste tires collected and is requesting the maximum available grant award of \$100,000.00 with an estimated number of tires to be collected for this cycle (TCU15 FY2014-2015) is 31,396. The City applied as the lead participant from CalRecycle's Local Government Waste Tire Cleanup Project.

Grantee: Los Angeles County

Amount Awarded: \$160,000.00

Grantee Contact: Mr. Wilson Fong

CalRecycle Grant manager: Jill Hayashida

Project Summary: Illegally disposed waste tires pose potential threats to the environment and to public health and safety. Within Los Angeles County, tires are frequently dumped illegally on roadways, in alleys, and in sensitive wildlife habitats. Tires dumped near homes, schools, and businesses promote the breeding of rodents and mosquitoes, which could spread the West Nile Virus and other diseases. In rural areas where tires are sometimes dumped in large piles, the threat of fire increases significantly, especially during drought conditions. To address this issue, the County of Los Angeles and City of Palmdale diligently collect illegally dumped waste tires off roads and abandoned property, effectively enhancing the quality of life for residents, improving the environment, and reducing potential threats to public health and safety. County crews transport the waste tires to various maintenance facilities located throughout the County, where they are temporarily stored in bins. The County's vendor, Rubber Recovery, hauls the tires to their permitted facility in Fontana and recycles them into crumb rubber and civil engineering application.

Total Awarded for County:\$411,422.00

Madera County

Grantee: City of Madera

Amount Awarded: \$245,167.00

Grantee Contact: David Tooley

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Madera's Public Works Department will act as the lead agency in this regional application with Madera County participating as the other jurisdiction.

The City staff will administer the grant if selected, coordinate the scheduling of tire trailers and pickup locations, oversee city staff to pickup tires found in alleys, public right-of-ways and waterways at various scattered sites. County staff will follow the same procedures within their jurisdiction. The goal is to remove a total of 31,000 tires over the term of the grant.

The City will use Golden By-Products, Inc. - Scrap Tire Company to provide the 45' trailer vans used for the removal of scrap tires found in the City and County of Madera. Golden By-Products will transmit electronically all generator, hauler, and end use facility information to CalRecycle. Golden By-Products will provide City with hard copies of all manifests and weight certificates.

There will be minor supply cost in pairs of gloves to be used by City and County haulers, some fuel for hauling vehicles, and rent for a trailer. Total grant applications will not exceed \$250,000 and cost per tire will be below \$8.00 per tire. All tires will be taken to a permitted recycling facility.

Total Awarded for County:\$245,167.00

Merced County

Grantee: Merced County Regional Waste Management Authority

Amount Awarded: \$39,655.00

Grantee Contact: MissJennifer Halpin

CalRecycle Grant manager: Jill Hayashida

Project Summary: For the cost associated to roadside cleanups of illegally dumped/orphan tires within participating jurisdictional lines.

Total Awarded for County:\$39,655.00

Riverside County

Grantee: Riverside County

Amount Awarded: \$19,000.00

Grantee Contact: Joseph Contaoi

CalRecycle Grant manager: Jill Hayashida

Project Summary: The Riverside County Waste Management Department (Department) operates an Illegal dumping Mop-up and Cleanup Team (IMPACT) removes illegally dumped solid waste and waste tires on all county roadways. The IMPACT program has been performing this duty since 2002 (one Riverside County Code Enforcement Department Officer and three Work Release Participants) in each of the five districts of the county. The program will continue to remove waste tires dumped in road rights-of-way and, where appropriate, on private properties onto exempt-government hauling vehicles (Tire Program Identification Number 1570382-01). The Department is a user agency of the Riverside Alternative Sentencing Program (RASP) and this program provides the bulk of the labor force used in the IMPACT program. The training is provided by the Riverside County Sheriff Department. The training allows the Department to utilize RASP Work Release Participants to work off their sentence rather than being in confinement. Since 2002, the Department has removed over 23,000 waste tires from roadsides and on some occasions private property.

The tire load will be manifested and the government-exempt hauling vehicles loaded with waste tires shall be driven by Department Crew Lead Worker to the Departments Lamb Canyon Sanitary Landfill (Tire Program Identification Number 1490025-01) and/or Badlands Sanitary Landfill (Tire Program Identification Number 1104927-01), where the Crew Lead Workers shall manifest the deliveries, waste tires shall be unloaded by the Work Release Participants and the waste tires shall be staged at the landfill. Riverside County Waste Management Department (Tire Program Identification Number 1274054-01) shall then manifest and transport waste tire loads to B J Used Tire & Rubber Recycling (TPID Number 1001094). In the alternative, Riverside County Waste Management Department shall manifest and transport waste tire loads directly to B J Used Tire & Recycling without staging at landfills.

Preparation of Final Report and Final Payment Request

Total Awarded for County:\$19,000.00

San Bernardino County

Grantee: City of Hesperia

Amount Awarded: \$25,619.00

Grantee Contact: Julie Ryan

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Hesperia covers nearly 75 square miles of developed and vacant open desert land. With these geographical features, illegal dumping of waste tires is a major problem for the City resulting in significant social, health, environmental and economic impacts for our citizens. Areas used for illegal dumping, often times near schools or residential neighborhoods, are easily accessible to people, especially children, who are vulnerable to the physical hazards posed by waste tires. Some locations are also near the City water storage tanks or Mojave River causing a serious threat to the City's drinking water.

City staff attempts to remove illegally dumped tires quickly to alleviate the threat to public health and safety, maintain a clean environment and to discourage further illegal dumping. Code Enforcement Officers are available 5-days a week to clean-up City areas littered with waste tires. To assist in the cleanup efforts, the City's Code Enforcement Department contracts with the Work Release Program through the County of San Bernardino Criminal Justice System. Under the supervision of a Code Enforcement Officer, work release crews and City Code Enforcement Officers pick-up the waste tires and deliver to the grant Contractor for proper disposal. In addition to Code Enforcement Officers collecting waste tires, the City's Public Works personnel may also pick up tires that are located along City right-of-way. The Contractor will transport the waste tires to an approved end-use facility for recycling or for supplementary fuel to provide heat in a cement kiln.

To offset the cost of recycling waste tires, the City is requesting reimbursement of \$6,218 for Code Enforcement staff salaries and benefits when actual time is spent on grant-related activities. Parcel numbers and exact locations are not included in this grant as illegally dumped tires are scattered throughout Hesperia and staff acts upon complaints of abandoned tires in specific areas. It is anticipated that passenger car, light truck and medium truck tires are expected to be the majority based on the tires collected during previous grant cycles. Pictures of the waste tires illegally dumped are included for your convenience. The City is requesting Waste Tire Cleanup grant funds of \$16,687 to offset the collection, disposal and hauling cost of approximately 3,784 waste tires anticipated to be illegally dumped during the 2-year grant term. As part of the Final Report and Payment Requests, the City is requesting reimbursement of \$2,714 for staff to prepare payment requests and final progress report.

Grantee: City of Ontario

Amount Awarded: \$40,820.00

Grantee Contact: Mr. Al Boling

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Ontario seeks funding to quickly collect illegally dumped waste tires along the public rights-of-way within 1,000 feet of residential homes, schools, recreational areas, public walkways, commercial centers, industrial centers, and environmentally sensitive areas. The telephone hotline and phone apps will be promoted to residents and businesses for reporting illegally dumped tires in these areas. Promotion will be through utility bills, the Ontario Living Magazine which is delivered to each residence and business four times a year and fliers distributed at City facilities. Tires will be removed the same day reported. The City of Ontario will decrease the amount of time illegally dumped waste tires remain in the public rights-of-way and prevent additional tires from accumulating into a larger pile. The City will collect at least 7100 illegally dumped waste tires during the grant period. Waste tires will be transported to a permitted recycling facility.

Grantee: City of San Bernardino

Amount Awarded: \$50,000.00

Grantee Contact: Mr. Christopher Alanis

CalRecycle Grant manager: Jill Hayashida

Project Summary: Currently, the City is experiencing an influx of waste tires that are being dumped illegally despite the fact that the City continues to offer curbside collection of used tires from residential customers. The City now offers a City Beautification event twice per year for tire collection. In addition, to offset the influx of waste tires, the City annually applies for other grant funding (Tire Enforcement) to address and identify those potential businesses and individuals responsible for illegally dumping tires.

Grantee: City of Victorville

Amount Awarded: \$68,385.00

Grantee Contact: Mr. Jorge Duran

CalRecycle Grant manager: Jill Hayashida

Project Summary: 1. Need and Locations:

The City of Victorville is located in the center the high desert area within the San Bernardino County. The City is accessed by nearly 300,000 people daily enroute to work, home, shopping or Las Vegas. The City of Victorville anticipates collecting, transporting, and transferring a vast amount of illegally disposed waste tires throughout our City limits. The City of Victorville encompasses 74.09 square miles of land which 58% is undeveloped. With a population of approximately 113,000, excluding neighboring jurisdictions, people are reluctant to properly dispose of their waste tires and end up disposing of them in our undeveloped areas. Many of these areas are located adjacent to densely populated residential areas. In recent years, the City has performed waste tire cleanup activities generated by waste tire enforcement inspections and monitoring of vacant desert areas. The City has conducted numerous joint tasks to collect waste tires in areas where accessibility was limited and rough. Through the use of our two waste tire collection trailers purchased through prior waste cleanup grants (2003/2004), we were able to safely access these areas and effectively remove hundreds of waste tires. Additionally, we anticipate collecting approximately 8,970 tires during the grants 24 month period from 7/1/14 to 6/30/16 of the respective grant TCU15 grant cycle.

2. Methodology:

Illegal dumping is a situation where people observe that others have dumped and then dump their own debris in the same location. Cleaning up the illegally dumped material as soon as it happens is the best method of curtailing this type of behavior. Utilizing community service workers, probationers and/ or City staff for waste tire removal, stockpiling, and later disposal is the most economical means. Staffing will consist of two - three Code Enforcement officers to oversee the program, supervise community service workers and probationers, and monitor the temporary stockpiling and disposal of tires to recyclers via our contracted waste tire hauler.

Funding for Code Enforcement staff will be funded from within the City's Code Enforcement budget with most of the costs reimbursed through grant funding. A large part o f the labor will be conducted by persons on formal probation or court-ordered community service. Any type of heavy equipment and/or heavy equipment operator to be utilized would be from the City's Public Works Department and funded through the Environment Maintenance Fund or the waste tire clean up grant if authorized by the grant manager. To fulfill these tasks, the City will need to purchase safety related items and stick tools to drag and load collected waste tires. We also request to have funding to pay for two 40 yard trash boxes per half cycle (a total of 4 per grant for this grant cycle) to dispose of trash collected during the cleanups located in and immediately adjacent to the waste tires. Typically, trash found inside of the waste tires is not taken by our tire hauler and becomes an unplanned expense to the City

Product Description Quantity Unit Price \$Total

Heavy duty work gloves 25	Approx. \$10.00 each	\$250	
Safety Glasses/Goggles 25	Approx. \$10.00 each	\$250	
Garden / stick tools 25	Approx. \$20.00 each	\$500	
Extra heavy duty trash bags 20	Approx: \$18/ box	\$360	
40 yard trash bin (Rental Equipment)	4 (2per quarter)	\$416.12 per container	\$1664.48
TOTAL			\$3,024.48

3. End Use

The collected waste tires will be taken to our Code Enforcement yard located on El Evado Road where they will be properly stored and ready for pick up by our designated registered waste tire hauler Town and Country Tire. The tires will be transported via an enclosed trailer to the Mitsubishi plant in Lucerne Valley and or Cemex Cement plant in Victorville for final disposition.

Grantee: Town of Apple Valley

Amount Awarded: \$9,624.00

Grantee Contact: Mr Jonathan Wood

CalRecycle Grant manager: Jill Hayashida

Project Summary: The Town of Apple Valley encompasses 78 square miles of developed and open desert land. The Town attempts to remove illegally dumped tires quickly to alleviate the threat to public health and safety and also to discourage further illegal dumping. Parcel numbers and exact locations are not included in this grant as illegally dumped tires are scattered throughout the entire Apple Valley boundaries. Waste tires are removed and transported to Mitsubishi Recycling Plant for proper disposal. We anticipate that approximately 1,800 tires will be illegally dumped in the incorporated boundaries during the grant term.

Apple Valley residents are from a variety of economic backgrounds. They may not have the capability of paying a fee to dispose of their waste tires and therefore, may be illegally dumping them as a means of disposal. The illegal dumping of tires surpasses the Town's available resources to manage the problem. If funding for the program is not available, illegal dumping will increase, risking the health and safety of the Town's residents.

Apple Valley's waste tire cleanup program will include the collection, removal, transportation, recycling, and disposal of Apple Valley waste tires from illegal tire piles and areas where illegal dumping has occurred along public right-of-ways. The primary focus will be removing illegally dumped tires observed on public property and in right-of-ways by Code Enforcement Officers.

The program is focused on abating the potential environmental hazards that discarded waste tires pose. Often illegal dumps are located within 1,000 feet of residential homes, schools, commercial or industrial centers, residential areas, airport, and electrical transmission lines. Thus, Apple Valley often discovers illegal dump of waste tires to be a potential serious threat to health and safety and the environment. The program focuses on removing and properly disposing waste tires utilizing efficiency and cost effectiveness to obtain the maximum impact for the environment.

Public property containing discarded waste tires: When an illegal dump of tires is discovered the Code Enforcement Officer will document on the "Tire Timesheet" the date, time, location of the illegal dump, the quantity of tires removed, and the mileage category. The officer will transport the tires to a Burrtec Waste Industries 40 cubic yard roll off container that will be stored at the Public Works yard. Upon filling the roll off container Burrtec Waste Industries will be requested to transport the tires to Mitsubishi Cement for proper disposal. Officers will NOT transport more than 10 tires at a time.

Private property containing discarded waste tires: At this time there is no intention from the Town of Apple Valley to remove illegally dumped tires from private property under the tire removal program. If the need arises to remove discarded waste tires from private property that is potentially causing a health and safety issue, staff will ensure that the property fulfills the requirements of the grant. Property information will be obtained including: owner, lien holder, parcel number, and other pertinent information. The owner will be contacted and advised of the desire of the town to remove the illegally dumped tires on the property. A "Property Access Authorization and Non-Responsibility Affidavit for Private Property" will be completed by the property owner. Officers will conduct an inspection of the property documenting the illegally dumped tires with photographs. A proposal will be drafted including: property information, property owner information, parcel map, Property Access Authorization and Non-Responsibility Affidavit for Private Property form and photographs. Proposal will be submitted to the CalRecycle Grant Manager for approval prior to site remediation.

Properties where an operating business that buys, sells, or otherwise trade tires, or that is actively stockpiling waste tires is ineligible to participate in the program. Property owners that personally brought the tires onto their property, profited from the placement of tires on their property, directed, authorized, licensed, permitted, leased (legally or illegally), or otherwise provided consent to another to bring the tires on the property, or inherited the property from relatives that conducted these activities will not be permitted to participate in the program.

All tires removed from Apple Valley will be transported by Burrtec Waste Industries, utilizing a 40 cubic yard roll off container. Tires will be transported to Mitsubishi Cement Corporation located in Lucerne Valley at 5805 State Highway 18.

Officers will submit Tire Timesheets quarterly to staff that is compiling, recording and preparing grant information for CalRecycle. This will promote accurate record keeping and provide quarterly statistics for town executive management.

The Town of Apple Valley is requesting reimbursement for salaries and benefits of Code Enforcement Personnel when actual time is spent on grant related activities. In addition, the Town is requesting Waste Tire Clean Up Grant funds to offset the disposal and hauling cost of approximately 1,800 waste tires anticipated to be illegally dumped during the grant term. Estimated cost per a tire: \$ 5.34.

Total Awarded for County:\$194,448.00

San Diego County

Grantee: City of San Diego

Amount Awarded: \$57,579.00

Grantee Contact: Christina Buchanan

CalRecycle Grant manager: Jill Hayashida

Project Summary: Grant funds will be used to clean-up tires from the following areas in the City of San Diego:
5,559 tires from the Tijuana River Valley split among at least two agencies;
1,000 tires from the City owned Brownfield Airport;
100 tires from Park & Rec Open Space clean-ups;
2,313 tires collected by Code Compliance from public rights-of-way.
This results in a projected clean-up cost of \$6.42/tire.

The Tijuana River Valley is an estuary of national importance with a multi-agency approach to restoring and protecting the sensitive ecosystem. Tires from Mexico are washed downstream during rain events and have significant impact on the watershed. Tires are plucked from the sediment and trash removed during dredging of river channels and sediment basins. Large truck tires are able to be recycled however passenger tires are too contaminated with sediments and go to the landfill.

Brownfield Airport is a small City operated airport located on a large piece of City owned property. This property is bordered by open space and is located in a remote area of the City. These factors have made it prone to dumping. The City has been cleaning up the property in preparation for development. Some signs and/or fencing may be purchased with grant monies.

The City Code Compliance division actively collects tires from the Public Rights-of Way throughout the City. The Tire enforcement Program also refers tire piles on public property to Code Compliance for remediation. Detailed logs are provided of these activities. When possible the Tire Enforcement Program utilizes surveillance cameras to catch perpetrators and deter dumping.

Other than the contaminated tires from the Tijuana River Valley, every attempt is made to recycle the tires at BAS recycling, our closest tire recycling facility, located 100 miles away in Moreno Valley.

Grantee: San Diego County

Amount Awarded: \$67,407.00

Grantee Contact: Jen Winfrey

CalRecycle Grant manager: Jill Hayashida

Project Summary: The County of San Diego is applying for funds to cleanup tires from the Tijuana River Valley Park.

Community Need for Waste Tire Cleanup Events

The Tijuana River Valley is a unique biological resource in San Diego County containing large, contiguous blocks of high quality habitat that support numerous sensitive plant and animal species. Together, these vegetation communities potentially support 40 special status plant species and 56 special status animal species.

The County of San Diego's Tijuana River Valley Regional Park (TRVRP) comprises approximately 1,800 acres (2.8 square miles) within the lower Tijuana River Valley in southwestern San Diego County. The park is critical to wildlife because it is a part of the Pacific Flyway, which provides foraging and breeding habitat for many migrating bird species. Because of its importance to wildlife, the area has been designated as a biological core area in the City of San Diego's Multiple Species Conservation Program (MSCP).

The area also suffers issues from polluted storm waters carrying sediment, trash and tires across the border from Mexico into the Tijuana River Valley. Thousands of tires are buried in the salt marsh of that area and hundreds more cross into the United States with each rain storm.

The County of San Diego's Department of Public Works, Solid Waste Planning and Recycling section proposes using funding from the FY 2014/15 Local Government Waste Tire Cleanup Grant to hold 10 cleanup events to remove 5,700 tires from the Tijuana River Valley.

- How many tires are estimated to be removed: 5700
- Will these tires be recycled or landfilled? Recycled whenever possible.
- Is the applicant able to utilize the California Conservation Corps or Local Community Conservation Corps for tire removal?
Yes

Proximity to Populated Areas or Sensitive Environments

The proposed project area is within 1,000 feet of residential homes, commercial and agricultural businesses, recreational areas, waterways and environmentally sensitive areas.

The TRVRP is located in the City of San Diego in the southwestern portion of San Diego County. The TRVRP is bounded on the east by Dairy Mart Road and the residential community of San Ysidro (with the exception of a portion of the Dairy Mart

Ponds that extend further east between the Interstate 5 (I-5) corridor and Camino de la Plaza), on the west by Border Field State Park and the Tijuana Estuary, on the south by the U.S. (U.S.)-Mexico International Border, and on the north by Sunset Avenue (with the exception of 95 acres immediately north of Sunset) and the residential community of Otay-Nestor.

The TRVRP is bisected by the east/west flowing Tijuana River, which flows from Mexico and drains into the Pacific Ocean through the Tijuana River Estuary located west of the TRVRP. The Tijuana River Valley generally consists of a broad floodplain with high natural mesas to the south, bounded on three sides by urban development and the Tijuana Estuary to the west. The Valley floodplain is a mixture of agricultural fields, equestrian facilities, rural housing, riparian woodland, and disturbed habitats. The Dairy Mart Ponds make up the eastern boundary of the area. The mesas and canyon areas contain healthy coastal sage scrub and maritime succulent scrub communities. Portions of the lands within the mesas and Smugglers Gulch may be disturbed by the proposed Border Fence Project. Several areas have been previously disturbed by illegal dumping of trash and off-road vehicles.

Under the MSCP, The Tijuana Estuary/River Valley was identified as a Core Resource Area: an area with a high concentration of sensitive biological resources, which, if lost, could not be replaced or mitigated elsewhere. This region supports one of the most important wetland systems in the County, and the City proposes to preserve approximately 94 percent of the Valley core area within the entire Multiple Habitat Planning Area.

Primary concerns for the Valley, including the TRVRP are: management of land use adjacent to covered species habitat; water quality; illegal dumping of waste (including tires); vandalism; non-sustainable agriculture; invasive species introduction and control; illegal immigration; habitat restoration; excavation activities; flood control; and maintenance of human use areas.

The property is currently under the management of County Department of Parks and Recreation. With the certification of the Trails and Habitat Enhancement Plan EIR, an official network of trails and US Customs and Border Protection (CBP) roads will be constructed within the Valley. The trails are used by hikers, equestrians, and bicyclists. In addition, there are active recreational areas within the TRVRP.

Biological Resources
Under the Multiple Species Conservation Plan (MSCP), The Tijuana Estuary/River Valley was identified as a Core Resource Area: an area with a high concentration of sensitive biological resources, which, if lost, could not be replaced or mitigated elsewhere.

TRVRP presents an opportunity to maintain and further restore one of the largest tracts of preserved, high quality, native/semi-native habitats within the region. Natural habitats, such as those found within TRVRP, have historically been destroyed or damaged by agriculture and urban development. Adding to its biological value, TRVRP supports several sensitive floral and faunal species, and functions as a significant biological resource core area.

The Valley is a unique area containing large, contiguous blocks of high quality habitat that support numerous sensitive plant and animal species. For example, riparian areas within the County, and provide critical habitat for two federally endangered birds: the light-footed clapper rail (*Rallus longirostris levipes*), and the southwestern willow flycatcher (*Empidonax traillii extimus*) and critical habitat for the least Bell's vireo (*Vireo bellii pusillus*). Diegan coastal sage scrub provides foraging and nesting habitat for the federally threatened coastal California gnatcatcher (*Polioptila californica californica*). Other onsite vegetation communities include mule fat scrub (transitional riparian), chaparral, maritime succulent scrub, freshwater marsh, native and non-native grassland, and disturbed areas. Together, these vegetation communities potentially support 40 special status plant species and 56 special status animal species.

However, the Valley also supports areas that have been subjected to human disturbance for decades. These disturbances have resulted in the loss of native habitat, negative impacts to water quality, compaction of native soils, accumulation of trash, erosion and sedimentation. The quality of water in the Tijuana River, particularly water from Mexico, is often heavily impacted by sediments, pollution, trash and debris. Poor water quality has resulted in numerous beach closures just west of the TRVRP.

(Additional information, including map of the area and proposed cleanup sites included in attachments/documents.)

Total Awarded for County:\$124,986.00

San Joaquin County

Grantee: San Joaquin County
Amount Awarded: \$60,950.00
Grantee Contact: Mr. Brian Closs
CalRecycle Grant manager: Jill Hayashida

Project Summary: San Joaquin County requests \$60,950 to implement a tire clean up and education campaign. The campaign aims to reduce the illegal dumping of waste tires from residential and agricultural neighborhoods through tire removal and education. Tires will be removed from rural properties and public roadways using staff and the San Joaquin Regional Conservation Corps. An advertising campaign will educate residents on illegal dumping and proper disposal and recycling of tires, including health risks incurred from stockpiled and abandoned tires. All tires will be recycled by Golden Scrap Tire. Estimated cost per tire is \$2.04.

Total Awarded for County:\$60,950.00

Solano County

Grantee: Solano County

Amount Awarded: \$24,000.00

Grantee Contact: Ms. Narcisa Untal

CalRecycle Grant manager: Jill Hayashida

Project Summary: To rid 3,000 waste tires illegally dumped along public right-of ways that are 1/4-1/2 mile near environmentally-sensitive areas that provide essential habitat for a number of bird, animal, reptilian, amphibian and fish species in areas such as the Suisun Marsh, Jepson Prairie Preserve and Hastings Island where vernal pools also exist. Various waterways such as Putah Creek and Cache Slough are also near areas where there is a prevalence of waste tires being illegally dumped and are as close as 2-3 miles from city limits. Inside the city limits, waste tires are being illegally dumped in alleys and vacant lots.

All tires will be recycled by contractors who will process them to become feedstock for products intended to be returned to market.

Total Awarded for County:\$24,000.00

Stanislaus County

Grantee: City of Modesto

Amount Awarded: \$23,379.00

Grantee Contact: Ms Vicki Rice

CalRecycle Grant manager: Jill Hayashida

Project Summary: The City of Modesto has an estimated population of 205,000 people who occupy roughly 37 square miles. There are 3,050 streets, 1,400 alleys, 78 parks and 3 main waterways. It is our intent to utilize grant funding to remove illegally dumped waste tires from these areas by employing a part-time staff person who will actively search designated areas as well as respond to any citizen reports of waste tire dumping and document for disposal. In addition to the labor component, the City of Modesto is requesting funding to contract with Golden By-Products Scrap Tire company to provide trailers for storage and transportation. Our plan is to contract for a total of six 45' trailers, estimated 3 uses per year with an average of 500 stacked waste tires per trailer. A single trailer will be placed at a secure site at the City of Modesto's Waste Water Treatment Facility located at 1221 Sutter Avenue in Modesto. As each trailer is filled, Golden By-Products will remove the full trailer and transport it for processing. An empty trailer will be place so that at no time will we be without a proper storage container. Note the City of Modesto will be responsible for providing a 1/2 ton pickup with a lift gate, safety equipment and any additional materials necessary to do the job safely and efficiently. Historically, the City of Modesto has collected 1200-1500 illegally dumped tires per year through the grant program. The City of Modesto is estimating that we will collect approximately 1500 illegally dumped tires per year for recycling through a permitted recycler and hauler for a total of 3000 tires during the entire grant cycle.

Grantee: Stanislaus County

Amount Awarded: \$15,775.00

Grantee Contact: Tom Wolfe

CalRecycle Grant manager: Jill Hayashida

Project Summary: With funding received from the Waste Tire Cleanup Grant Program funds, Stanislaus County Department of Environmental Resources estimates picking up approximately 2,600 waste tires that have been illegally dumped either on private property or along the county unincorporated roadways. The goal is to remediate small tire piles as soon as possible to prevent blighted conditions. All car and truck tires collected will be recycled.

Total Awarded for County:\$39,154.00

Yolo County

Grantee: Yolo County

Amount Awarded: \$12,000.00

Grantee Contact: Mr Ron Hayes

CalRecycle Grant manager: Jill Hayashida

Project Summary: The County of Yolo is faced with the challenge of safely diverting and/or managing hundreds of waste tires each year that have been illegally dumped throughout the county. These waste tires, if not picked up and disposed of properly, pose a potential threat to the public health, safety, and the environment. The county's goals are to remove approximately 1,500 tires as quickly as possible in order to alleviate the illegal tire piles from growing larger. All collected tires will be transported to a permitted recycling facility.

Total Awarded for County:\$12,000.00

Grant Count: 23	Grand Total for Selected Counties: \$1,715,882.00
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